

Abstract

To provide a hand position detecting device capable of suppressing the rotation of hand wheels necessary to detect the initial positions of the hand wheels to a minimum, also, an electronic timepiece provided with this device. In a hand position detecting device of a hand position setting device of an electronic timepiece, light from a light-emitting device is made to obliquely hit reflective surface on an hour wheel via an aperture for passage of incident light when a minute wheel and the hour wheel reach given positions, the aperture being in the minute wheel. Reflected light B_r produced by oblique reflection of the incident light at the reflective surface is detected by a light-receiving device via an aperture for passage of reflected light, the aperture being in the minute wheel. The hour wheel has the plural reflective surfaces placed at different angular intervals such that the light-receiving device receives the reflected light even when the hour wheel is in plural intermediate rotational positions other than a given position. The reflection may be vertical reflection instead of oblique reflection. Instead of reflected light, transmitted hole may be detected.